

IN THE CLAIMS

Please cancel claim 2. Please rewrite claim 1 as indicated.

1. (Currently Amended) A cathode-ray tube comprising an evacuated envelope having therein an electron gun for generating at least one electron beam, a faceplate panel having a luminescent screen with phosphor elements on an interior surface thereof, and a focus mask, wherein the focus mask includes a plurality of spaced-apart first conductive strands having an insulating material thereon, and a plurality of spaced-apart second conductive wires oriented substantially perpendicular to the plurality of spaced-apart first conductive strands, the plurality of spaced-apart second conductive wires being bonded to the insulating material, wherein the insulating material comprises a low porosity lead-zinc-borosilicate glass powder having a median particle size less than about 1 μm .

[2. (Cancelled)]

3. (Original) The cathode-ray tube of claim 1 wherein the low porosity lead-zinc-borosilicate glass includes one or more transition metal oxides.

4. (Original) The cathode-ray tube of claim 3 wherein the one or more transition metal oxides are selected from the group consisting of iron oxide (Fe_2O_3 and Fe_3O_4), titanium oxide (TiO_2), zinc oxide (ZnO), molybdenum oxide (MoO_3), chromium oxide (Cr_2O_3), tin oxide (SnO_2), nickel oxide (NiO), and combinations thereof.

5. (Original) The cathode-ray tube of claim 3 wherein the one or more transition metal oxides in the low porosity lead-zinc-borosilicate glass have a weight % in a range of about 2 % by weight to about 12 % by weight.



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6. (Original) The cathode-ray tube of claim 3 wherein the low porosity lead-zinc-borosilicate glass is SCC-11, or a mixture of lead, zinc, boron, and silicon oxides melted together to form an SCC-11-like glass.

7. (Original) The cathode-ray tube of claim 3 wherein the one or more transition metal oxides are added to the lead-zinc-borosilicate glass either by premelting or by mixing them with a lead-zinc-borosilicate powder.

8-14. (Withdrawn)

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